



AQUASTAREasy II

DATASHEET

AQUASTAR*easy* II



GENERAL

1. Automation of the 6-way valves of Praher Plastics Austria GmbH
2. A lifting and rotating actuator for PLC controls
3. For 1,5", 2" und 3" Valves
4. 24V AC/ DC and 100-265V AC
5. Easy to retrofit
6. Made for plc signals
7. Error-Handling integrated
8. Relays with gold contacts
9. Protection IP65
10. Emergency handle
11. Optical position indicator
12. Electric feedback for on position
13. Additional position CLOSED
14. Additional position Winter

APPLICATIONS

- Industrial, commercial and private use
- Car wash sites, industrial kitchen, pools, fish farming,...
- Integration in smart homes
- Integration in PLC's

TECHNICAL DATAS

Aquastar

Voltage:	24 V AC/DC
Protection:	IP 65
Frequency:	50/60 Hz /DC
Rated operating current:	100mA at 230V AC 200mA at 110V AC
Max. Power:	20VA
Environmental conditions:	0-40°C, 0-95%RH not condensing
Max static pressure:	0,3 Bar
Max water column:	3 m
Relais Pumpe:	8A at $\cos\varphi=1$
Relais Kugelhahn:	8A at $\cos\varphi=1$
Multifunktionsrelais:	3A at $\cos\varphi=1$
Possible positions of Aquastar Easyll	Filter, Backwash, Rinse, Recirculate, Waste

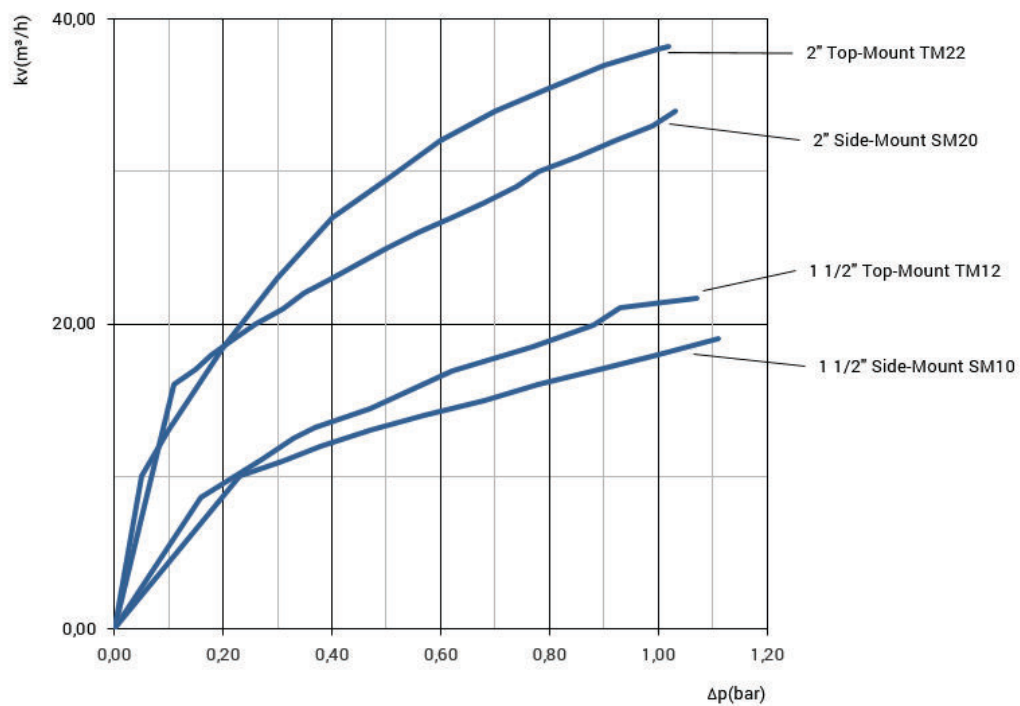
Praher Plastics 6-Way Valve

Body material:	1,5" – 2" 3"	ABS / ASA-GF ASA-GF
Seals:	TPE + NBR	
Operating pressure:	1,5" – 2"	ABS: 3,5 Bar (20°C) ASA-GF: 6,5 Bar (20°C)
Maximum pressure when the valve plate is lifting	0,3 Bar	

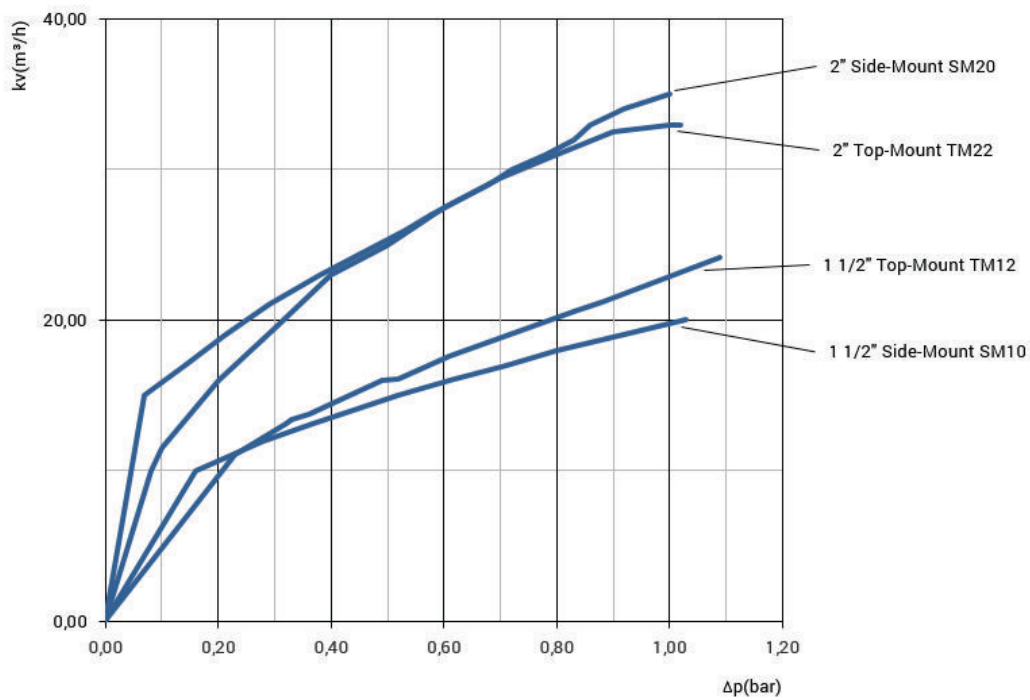
The Aquastar easyll is fully assembled only available in combination with an SM valve. But it can also be mounted on TM valves.

DIAGRAMMS

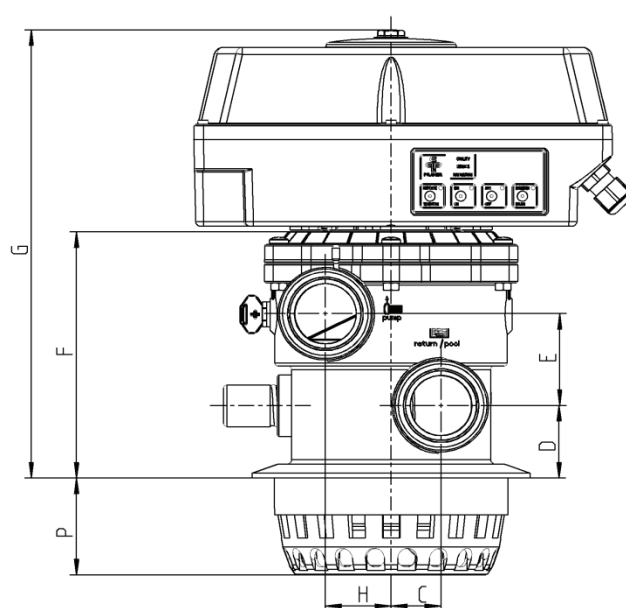
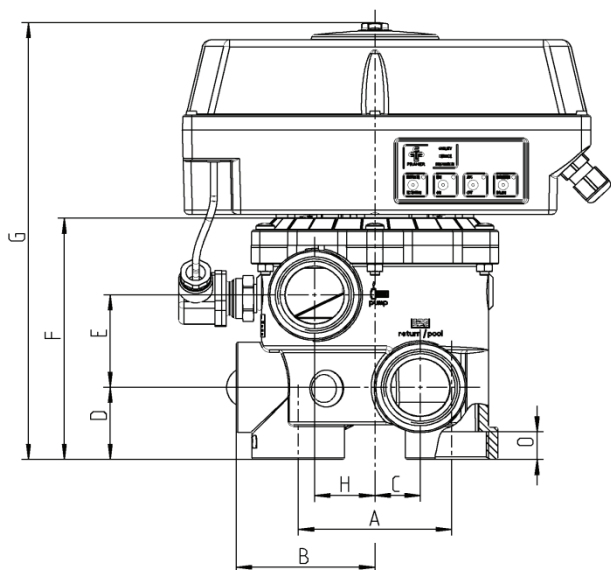
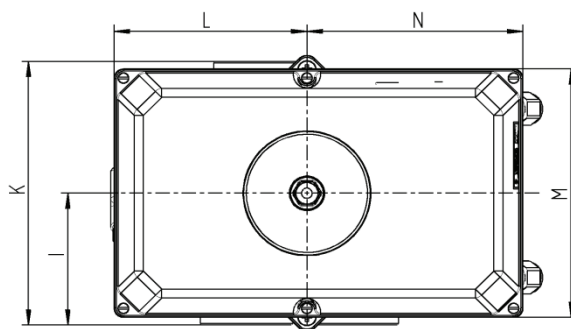
Pressure loss diagram filter



Pressure loss diagram backwash



DIMENSIONS

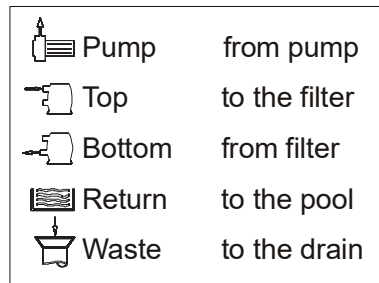
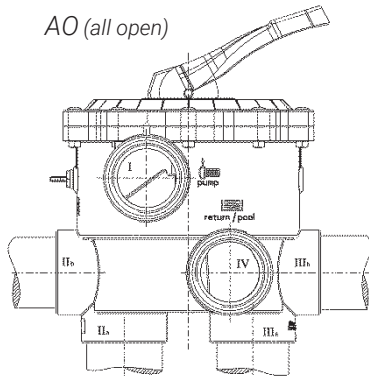
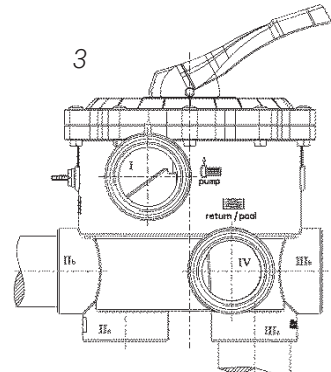
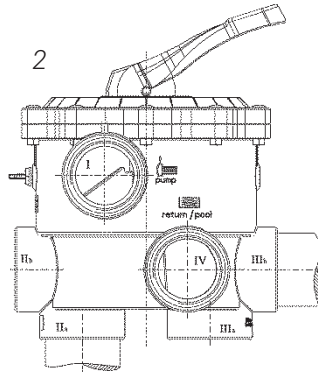
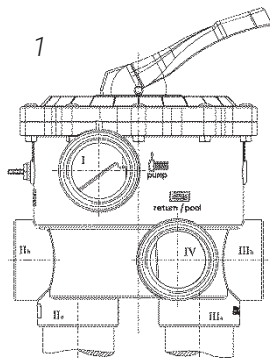


	1 ½" SM	1 1/2" TM	2" SM
A	99,5	X	110
B	90	X	114
C	29,5	31,5	38
D	48	47	60
E	61,5	59,5	81
F	163,5	160	210
G	295	291	339
H	39	42,5	36
I	87,5	90	114
K	175	180	228
L	125	125	125
M	165	165	165
N	140	140	140
O	18,5	18,5	26
P	X	62,5	X

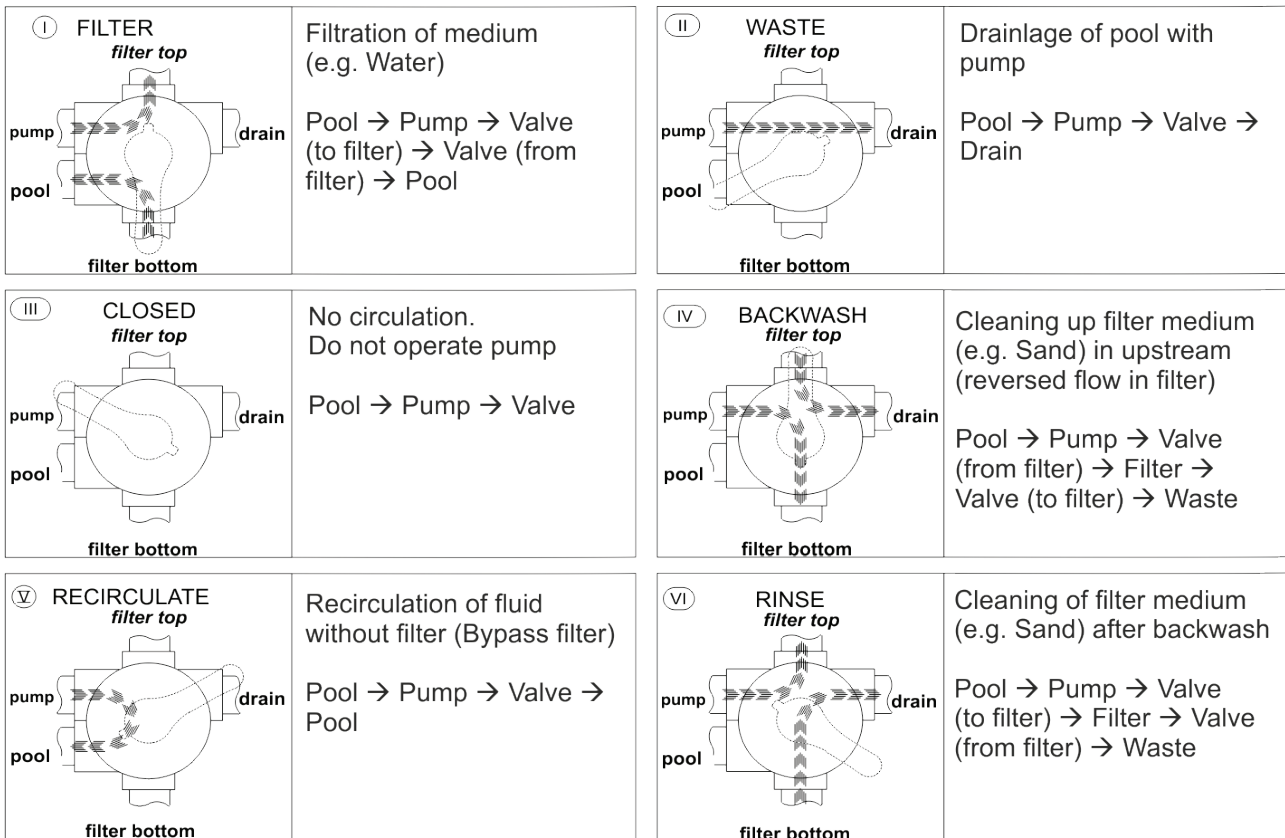
Dimensionen in mm

VALVE

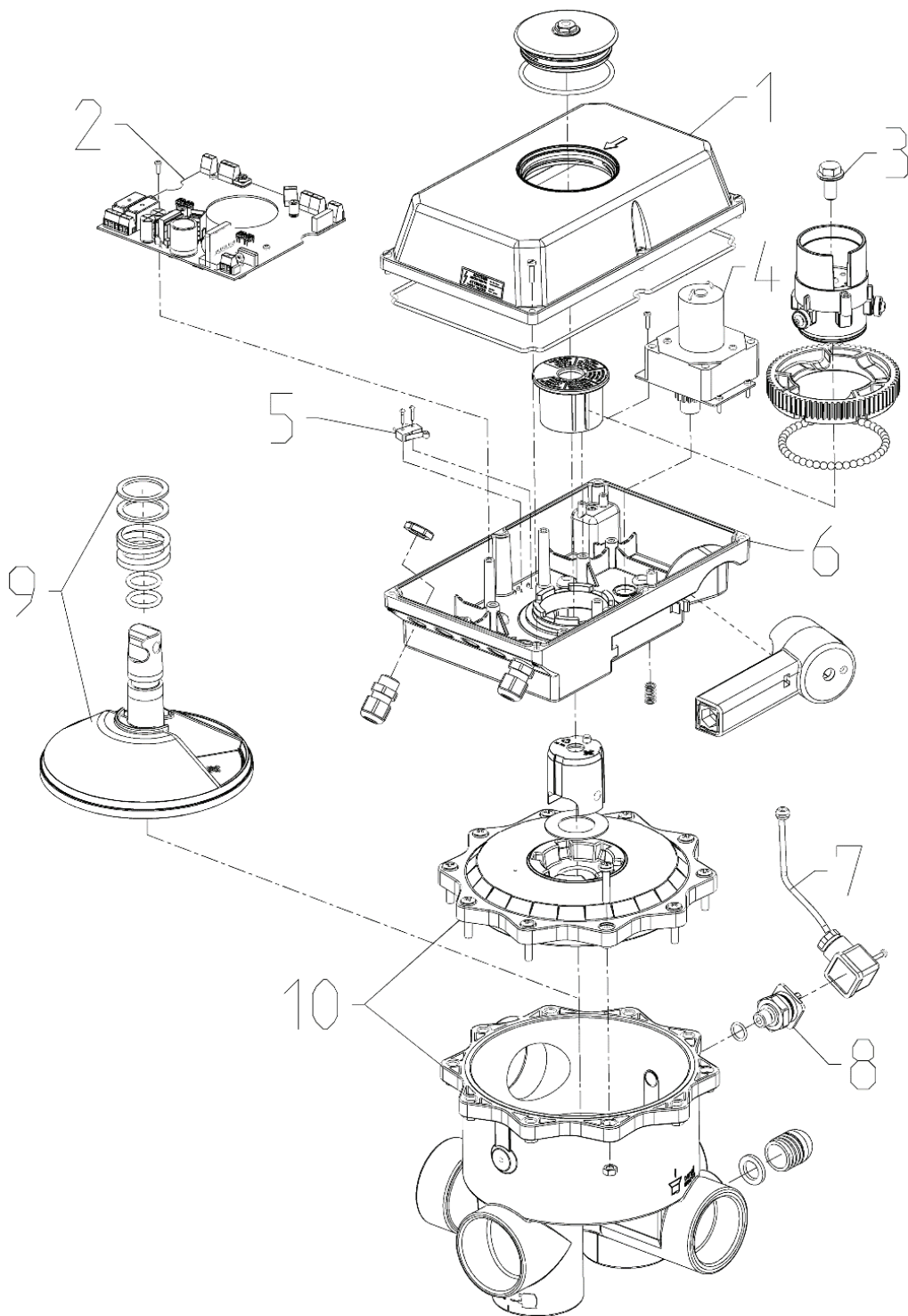
Variants of SIDE MOUNT 1 ½", 2" und 3":



Function diagram of Praher Plastics Austria 6-way valve



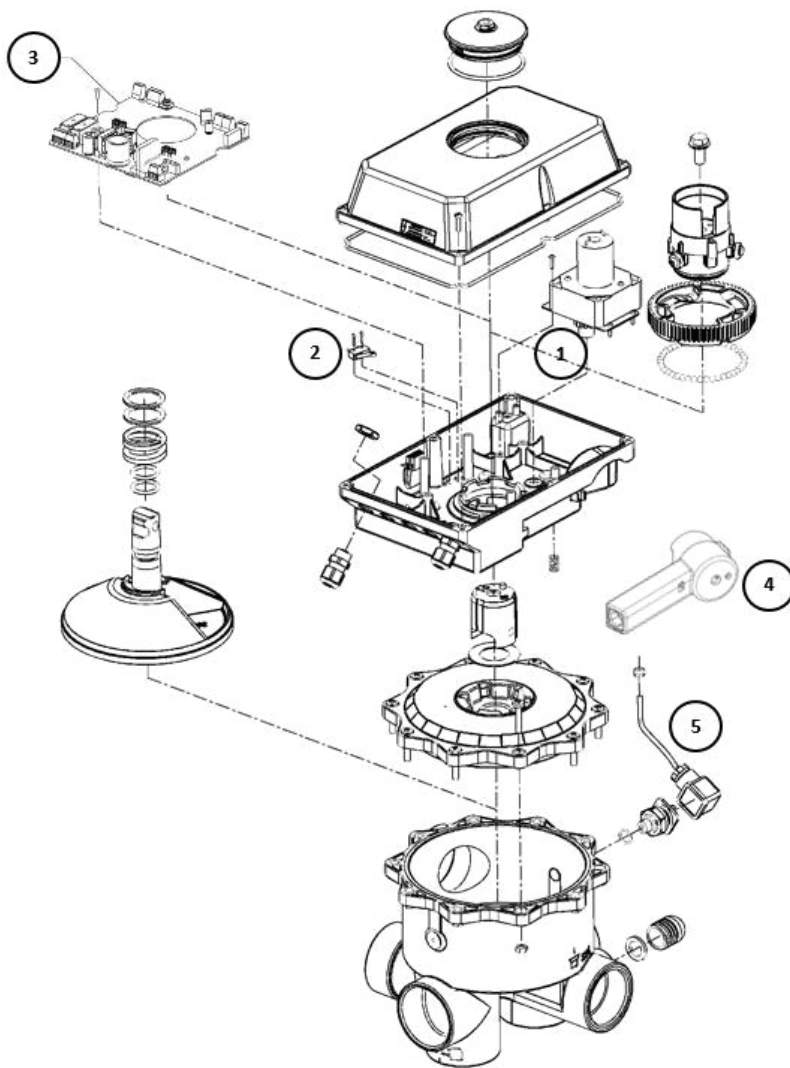
EXPLOSIONSZEICHNUNG



1. Aquastar lid with foam rubber cord
2. Control board
3. Hexagon screw
4. Gear motor
5. Pump end switch
6. Aquastar body bottom

7. Plug and cable (at option pressure sensor)
8. Pressure Sensor (at option pressure sensor)
9. Valve plate set up
10. V6ND valve 1 1/2", 2"

ACCESSORIES AND SPARE PARTS



1. Gear motor
2. Pump end switch
3. Control board 24V
4. Power supply 230V and spacers
5. Pressure sensor with plug, cable and seals

Item number	Product name	Included
131280	Spare part kit for Aquastar - motor 6V DC - Motor	1
131281	Spare part kit for Aquastar - pump switch for 6VDC motor	2
131449	Spare part kit for Aquastar EasyII - circuit board 230V	3
131450	Spare part kit for Aquastar EasyII - Pressure sensor	5
101862	Emergency handle in ABS black	4

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